Paper Dated: December 17, 2009

In Reply to USPTO Correspondence of September 17, 2009

Attorney Docket No. 0388-061269

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

## **Listing of Claims**

Claims 1-7 (Cancelled)

Claim 8 (Currently Amended): A pipeline closing apparatus comprising:

a lid member attachable to a downstream end portion of a sluice valve or an end portion of a pipe portion connected thereto, the lid member adapted to close an end opening of a branch pipe connected to and diverging from a fluid transmitting main and having the sluice valve disposed therein;

a cylindrical first control shaft extending through the lid member to be axially slidable in a sealed condition;

a second control shaft extending through the first control shaft to be axially slidable;

a first pressing plate attached to an inward end region of the first control shaft;

a second pressing plate attached to an inward end region of the second control shaft upstream of the first pressing plate;

an elastic annular member disposed between the first pressing plate and the second pressing plate and elastically deformable to a diameter-increased position for tight contact with an inner peripheral surface of the branch pipe by being clamped and pressed between both of the pressing plates from axial directions, thereby blocking the inner peripheral surface and outer peripheral portions of the pressing plates; and

a retaining device provided between the inward end region of the second control shaft and the second pressing plate, and including engaging link pairs flexing and bulging to a diameter-increased position to engage with positions upstream of a position blocked by the elastic annular member in response to outward sliding movement of the second control shaft relative to the first control shaft,

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wherein, in said second control shaft, there is provided a reversal preventing

device is provided having an elastic correcting member which, when the engaging link pairs of

the retaining device are stretched to a diameter-reduced position, contacts and limits the

engaging link pairs to an outwardly bent position where flexing pivotal portions of the engaging

link pairs project radially outward.

Claim 9 (Previously Presented): The pipeline closing apparatus as defined in

claim 8, wherein the reversal preventing device includes a tubular elastic correcting member

mounted on the inward end region of the second control shaft for contacting at least one

engaging link when the engaging link pairs stretched to the diameter-reduced position reach a

predetermined outwardly bent position.

Claim 10 (Previously Presented): The pipeline closing apparatus as defined in

claim 8, wherein the reversal preventing device includes a ring-shaped elastic correcting member

for contacting one of the engaging links when the engaging link pairs stretched to the diameter-

reduced position reach the predetermined outwardly bent position, the elastic correcting member

being mounted on a mounting tubular member fitted on the inward end region of the second

control shaft and having a connecting element pivotably connected to an end portion of one of

the engaging links.

Claim 11 (Previously Presented): The pipeline closing apparatus as defined in

claim 8, wherein the elastic annular member has a cylindrical shape and has an axially-arranged

middle portion with a diameter that is larger than the diameter of axially-arranged opposite end

portions.

Claim 12 (Previously Presented): The pipeline closing apparatus as defined in

claim 11, wherein the axially-arranged middle portion of the elastic annular member has an outer

peripheral surface with a partly spherical shape to project most outwardly at an axial middle part

thereof.

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Claim 13 (Previously Presented): The pipeline closing apparatus as defined in

claim 8, wherein both of the pressing plates include annular holding portions to be in contact

with outer circumferential surfaces of axially opposite end portions of the elastic annular

member.

Claim 14 (Previously Presented): A pipeline closing apparatus as defined in

claim 12, wherein the large diameter middle portion of the elastic annular member has an inner

peripheral surface that is shaped partly spherical to project most outwardly at an axially middle

part thereof.

Claim 15 (Previously Presented): A pipeline closing apparatus as defined in

claim 9, wherein the elastic annular member has a cylindrical shape and has an axially-arranged

middle portion with a diameter that is larger than the diameter of axially-arranged opposite end

portions.

Claim 16 (Previously Presented): The pipeline closing apparatus as defined in

claim 15, wherein the axially-arranged middle portion of the elastic annular member has an outer

peripheral surface with a partly spherical shape to project most outwardly at an axial middle part

thereof.

Claim 17 (Previously Presented): The pipeline closing apparatus as defined in

claim 16, wherein the large diameter middle portion of the elastic annular member has an inner

peripheral surface that is shaped partly spherical to project most outwardly at an axially middle

part thereof.

Claim 18 (Previously Presented): The pipeline closing apparatus as defined in

claim 10, wherein the elastic annular member has a cylindrical shape and has an axially-arranged

middle portion with a diameter that is larger than the diameter of axially-arranged opposite end

portions.

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Claim 19 (Previously Presented): The pipeline closing apparatus as defined in

claim 18, wherein the axially-arranged middle portion of the elastic annular member has an outer

peripheral surface with a partly spherical shape to project most outwardly at an axial middle part

thereof.

Claim 20 (Previously Presented): The pipeline closing apparatus as defined in

claim 19, wherein the large diameter middle portion of the elastic annular member has an inner

peripheral surface that is shaped partly spherical to project most outwardly at an axially middle

part thereof.

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